

# Use Attainability Analysis

for

WBID 0650 Upper Shoal Creek

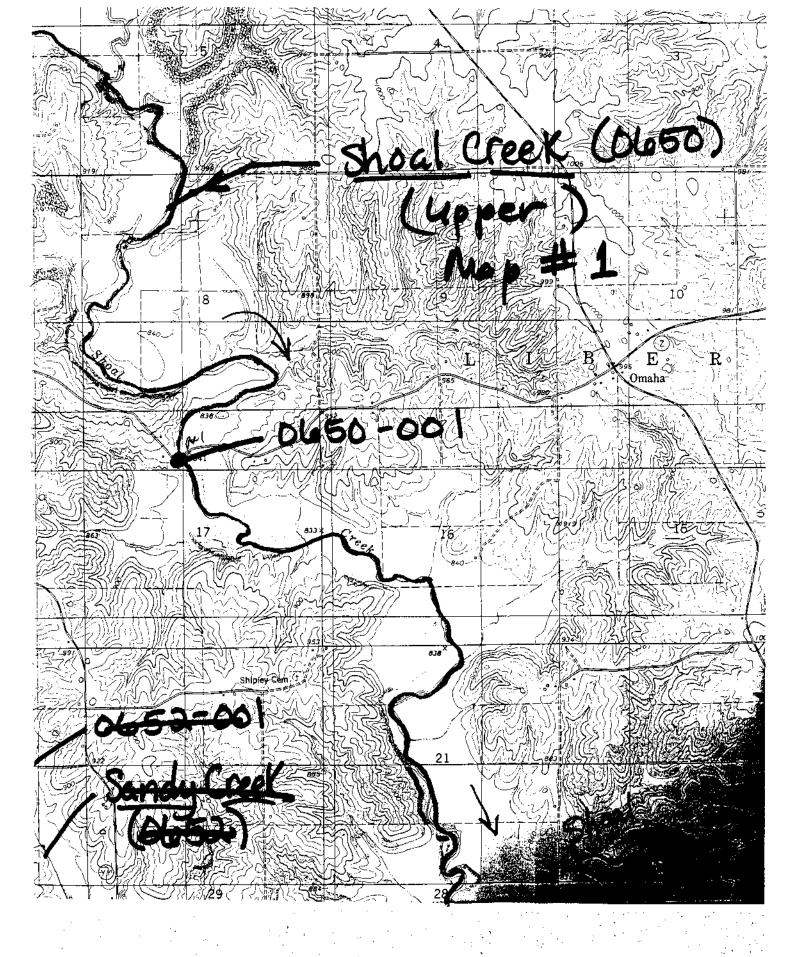
Submitted by Missouri Department of Natural Resources Staff

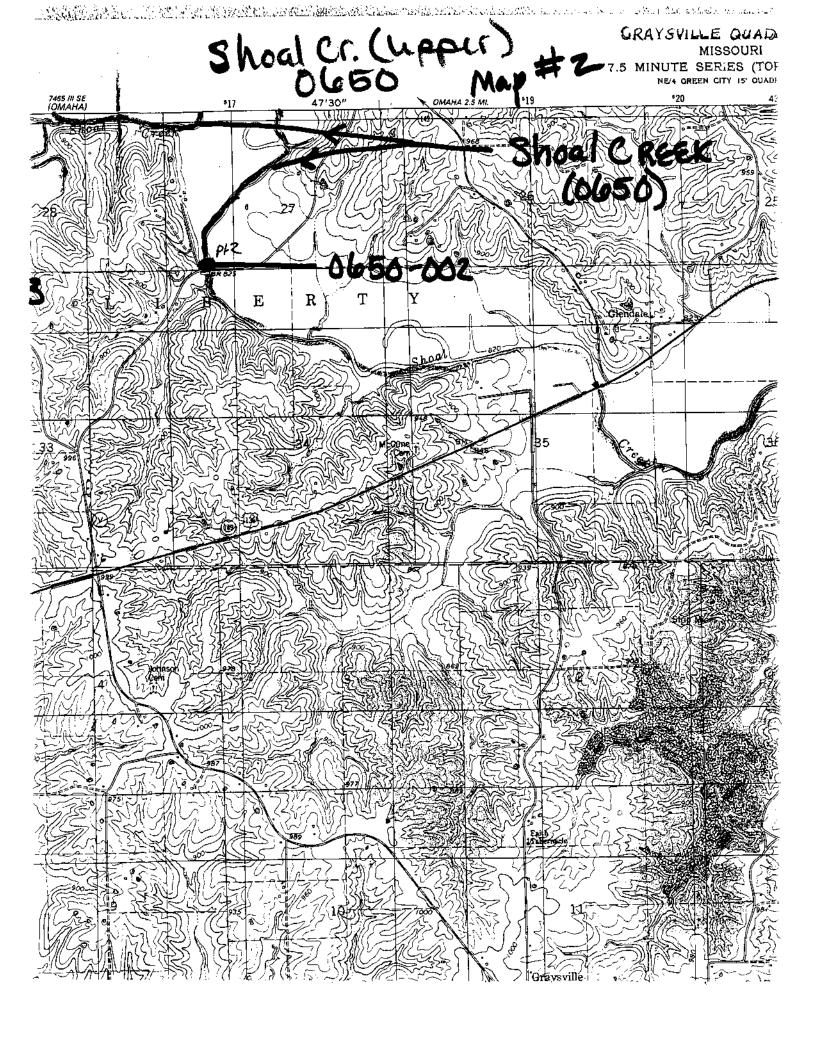
To Missouri Department of Natural Resources Water Protection Program Field Data Sheets for Recreational Use Stream Surveys MIRR PROJECTION PROGRAM

Water Body Name (from USGS 7.5' quad): Short (Creek (Upper)
8-digit HUC: 10280201
Missouri WBID #: 0050
County: Putnam
Upstream Legal Description: NW1/4, SW1/4, Sec. 5, T 66N, RITW
Downstream Legal Description: NE1/2 SW1/4 Sec. 77 TIOLON RIFLY
Upstream Coordinates: 40.52779N/92.83525 FOM 11,9 Fee (5) Downstream Coordinates: 40.49039N/92.801528W FOM 13 FT
Downstream Coordinates: 40.49039N/92.801528W FOM 13 Ft
Discharger Facility Name(s):
Discharger Permit Number(s):
Number of Sites Evaluated (2) (2 up stream) (1 down stream) (3 total)
Name of Surveyor and Telephone Number: Dave Dowdy 660-385-7996
Organization: SwcP
Position: Soil Scientist III

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed:	$\bigcap$	Marshaus	Dat	ite: 7-7-05	
Signeu:_	<u> </u>	1 (Wood Cares	Dat	ite: T-+ U)	





### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Dave	Doudy &
Amber	Marshaus

	Missouri WBID #: C	650-1		Site Location D	escription:	- J. gvn	
	Site GPS Coordinates 40.52+79N/92.83520W Shool Crock (Upper)						
	Date & Time: 7-6-	01 @ 3:36F	CAIS	Facility Name:			
	Personnel: DD, An	1.	( 80	Permit Number:			
	Current Weather Conditi	ons: Hot Hum	id, P+. Cla	Meather Conditi	ions for Past 7 days: Som	e Rain, Hot, Hunni	
	Photo Ids: Upstream: O		nstream: ()(o	50D   Othe	r:		
Us	es Observed*:	r			<u>,                                      </u>	T	
,	Swimming	Skin diving	☐ SCU	JBA diving	☐ Tubing	Water skiing	
	☐ Wind surfing	☐ Kayaking	☐ Boa	ting	Wading	Rafting	
	☐ Hunting	☐ Trapping	☐ Fish	_	None of the above	Other:	
	Describe: (include numbe	er of individuals recu	reating, freque	ncy of use, photo-	documentation of evidence	of recreational uses, etc.)	
					•		
				•	<b>.</b>	. :	
				-			
Su	rrounding Condition	S*: (Mark all that p	romote or imp	ede recreational u	ses. Attach photos of eviden	nce or unusual	
iter	ns of interest.)				<u> </u>	100+ path	
	☐ City/county parks	☐ Playgrounds	MDC con	servation lands	Urban areas	☐ Campgrounds	
	☐ Boating accesses	☐ State parks	☐ National f	orests	Nature trails	☐ Stairs/walkway	
	☐ No trespass sign		Steep slop			at wood wooded	
TC v	ridence of Human Use	*= gravel R	aha, mo		arsuno	d banks	
,	X Roads Bridge	☐ Foot paths/prin	ts Do	ck/platform	Livestock Watering	RV / ATV Tracks	
	Rope swings	☐ Camping Sites	☐ Fir	e pit/ring	☐ NPDES Discharge	Fishing Tackle	
	MOther: Fire wol	K trash	assila	<u>ーーーー</u>			
			1				

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

<sup>\*</sup>Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Data Sheet B - Site Characterization Page Two - WBID # 0650: -O! Run#2 W.50 Stream Morphology: 1:25 **Upstream View Physical Dimensions:** Width (ft): Riffle d0Length (ft): Avg. Depth (ft): 0.5 Max. Depth (ft): Xkun Width (ft): 35 Length (ft): Avg. Depth (ft): Max. Depth (ft): Pool Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): **K**Flow Estimated (ft<sup>3</sup>/sec): Present? V Yes  $\prod$  No Downstream View Physical Dimensions: Riffle Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Run Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Deool Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Yes Yes Estimated (ft<sup>3</sup>/sec): Flow Present? Substrate\*: (These values should add up to 100%.) % Cobble % Silt % Mud/Clay % Bedrock 15 % Gravel Aquatic Vegetation\*: (note amount of vegetation or algal growth at the assessment site) Water Characteristics\*: (Mark all that apply.) X None Other: Chemical Odor: Sewage ☐ Musky Milky Other: Olear Grav Color: Clear Green None Other: Sludge Fine sediments Bottom Deposit: Solids Other: Scum None Surface Deposit: Comments: Please attach additional comments (including information from interviews) to this form. \*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate. Signed: (1 Organization: SWCP



0650\_001\_DS



	Da	ta Sheet B -	Site Characte	erization	Dandy &				
	(A separate data sheet must be completed for each site)  Amber Marshaus								
Missouri WBID #:	0650-02	(05/2m)	Site Location Description:						
Site GPS Coordinates:		A STORES	shool creek (Upper)						
Date & Time: 7-6-		) <u> </u>	Facility Name:						
		<del>20</del>	Permit Number	<del></del>					
Personnel: DD A Current Weather Condi	M war mid 80°	sillan	[	tions for Past 7 days: Som	uran, hot				
		mick			· humid				
Photo Ids: Upstream()	15002 Do	wnstream: 04	50D2 Other	er:	<u></u>				
Uses Observed*:					•				
Swimming	Skin diving	SCU	BA diving	☐ Tubing	☐ Water skiing				
☐ Wind surfing	☐ Kayaking	☐ Boat	ing	Wading	Rafting				
Hunting	Trapping	Fish	ing	None of the above	Other:				
Describe. (mende name	oct of marviduals for	cicamig, iicquei	icy of asc, photo	-documentation of evidence	of icologional asos, ow.)				
				•					
,	4	•	•	:	•				
				An					
			•	•					
Surrounding Condition	18*: (Mark all that p	promote or impe	ede recreational u	ses. Attach photos of evide	nce or unusual				
items of interest.)  City/county parks	☐ Playgrounds	T MDC come	ervation lands	Urban areas	Campgrounds				
	<del> </del>	<u> </u>		<del> </del>					
☐ Boating accesses									
No trespass sign	No trespass sign   Fence   Steep slopes   Other:								
Evidence of Human Us	exist Hung	JOHO LEN		•					
Roads bricks	☐ Foot paths/pri	nts Do	ck/platform	Livestock Watering	RV / ATV Tracks				
Rope swings	Camping Sites		pit/ring	☐ NPDES Discharge	Fishing Tackle				
Other:									

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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# Data Sheet B - Site Characterization

Page Two - WBID # 0650 + 02

Stream Mor	phology: View Physical I	)imensions:				
Riffle	Width (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft)	
Run	Width (ft): 35	Length (ft):	35 Avg. Depth	(ft):	3 Max. Depth (ft)	84
Pool	Width (ft):	Length (ft):	Avg. Depth		Max. Depth (ft):	
Flow	Present? Yes	☐ No	Estimated (1	ft³/sec):		
Downstrea	nm View Physica	l Dimensions:				
Riffle	Width (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Run	Width (ft): 36	Length (ft):	Avg. Depth	(ft): 1.6	Max. Depth (ft):	<b>5</b> 3
Pool	Width (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Flow	Present? Yes	□ No	Estimated (f	t³/sec):	·	٠.
Aquatic Vege	etation*: (note among dric Plan	ount of vegetation or a  NHS FGCCSS  APAL M C	lgal growth at the asse ESE TRES	essment site)  Clong	canks -	
Water Chara	cteristics*: (Marl	all that apply.)				
Odor:	Sewage	☐ Musky	Chemical	None	Other:	
Color:	Clear	Green	Gray Fine sediments	Milky None	Other: Clea	rto 15-gr
Bottom Dep Surface Dep		Solids Scum	Foam	None	Other:	
*This information comprehensive undecision on the rather than the understandard datasheet is to the comprehensive understandard datasheet is to the comprehensive understandard datasheet is to the comprehensive understand	n is not to be used so inderstanding of wate ecreation use analysi igned, hereby aft rue and accurate	olely for removal of a rear conditions. Consequences but may point to confirm to the best of the best	recreational use designuently, this information ditions that need furth my knowledge, t	nation but rathe n is not intende ner analysis or t  hat all infor	erviews) to this form  r is to provide a more  ed to directly influence  hat effect another use.  mation reported o	a ·
•	Marshaus	<u>/</u>		H7/0		
Organization:	SWCP		Position	n: 55	1	



0650\_002\_DS





# Use Attainability Analysis

for

WBID 0650 Lower Shoal Creek

Submitted by Missouri Department of Natural Resources Staff

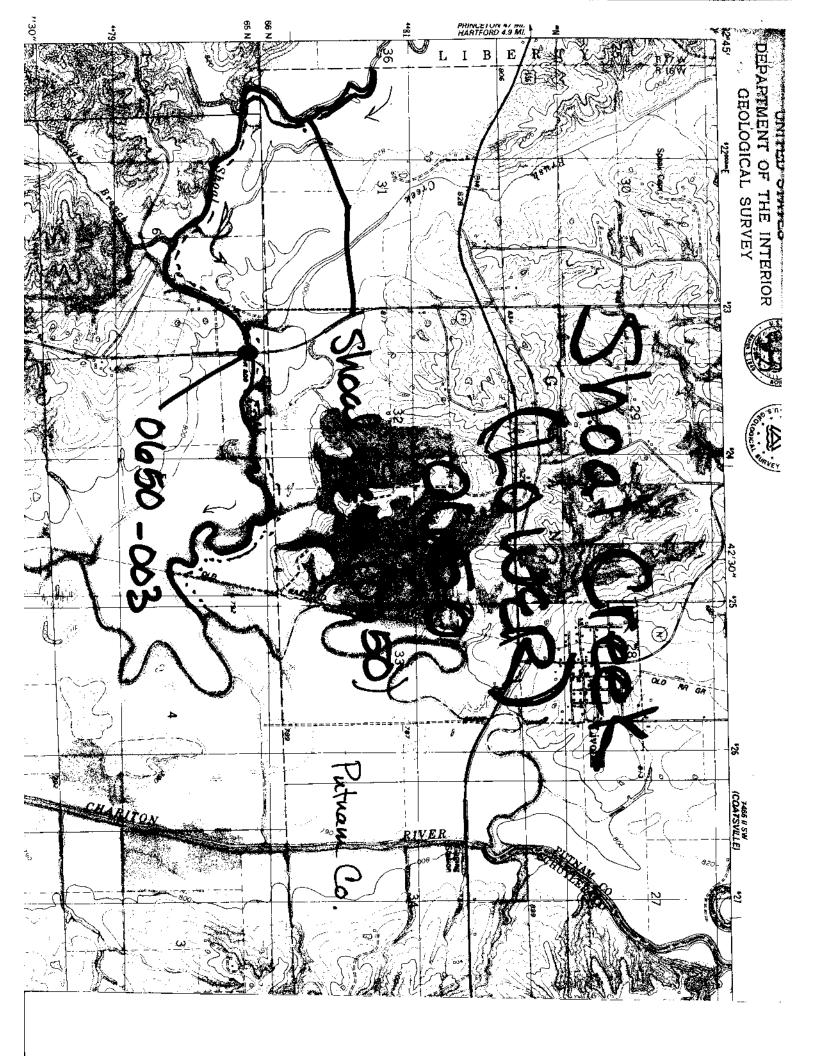
To Missouri Department of Natural Resources Water Protection Program

WATER PROTECTION PROGRAM

# Field Data Sheets for Recreational Use Stream Surveys

# Data Sheet A - Water Body Identification

	Water Body Name (from USGS 7.5' quad): Shoal Creek (Lower)
	8-digit HUC: 102 80 201
	Missouri WBID #: 0656
	County: Potnam
	Upstream Legal Description: NW1/4, SW/4, Sec. 31, T66N, R16W
	Downstream Legal Description: SW1/4, NW1/4, Sec. 4, T 65N, RIGW
	Upstream Coordinates: N/A
	Downstream Coordinates: 40.47146N/92.72548W FOM: 15.5
	Discharger Facility Name(s):
	Discharger Permit Number(s):
	Number of Sites Evaluated: (1) (Furthest DS.) (2up Stream) (3 to tal
	Name of Surveyor and Telephone Number: Dave Dowdy
	Organization: Swee
	Position: 88 TII
	the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA tasheet is true and accurate.
C:	made a Manhaus Date: 7-7-05



### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: O	650-03		Site Location D		
Site GPS Coordinates:	NATA 14-61	1/92.72	548W	Circk (Lower)	
Date & Time: 7-6-0	50\$ 5	pm :	Facility Name:		
Personnel: DD, AN	1	. 1	Permit Number:		
Current Weather Condition	ons: Mid 80%	waid	Weather Conditi	ions for Past 7 days SO M	ERAIN, HOT, HUI
Photo Ids: Upstream: 0(			050D1 Othe		
Jses Observed*:		·		·	
Swimming	Skin diving	☐ sct	JBA diving	☐ Tubing	Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boa	ting	Wading	Rafting
Hunting	☐ Trapping	☐ Fish	uing	None of the above	Other:
Describe: (include numbe	r of individuals rec	reating, freque	ncy of use, photo-	documentation of evidence	of recreational uses, etc.)
urrounding Conditions ems of interest.)	s*: (Mark all that p	promote or imp	ede recreational u	·	1
☐ City/county parks	☐ Playgrounds	MDC con	servation lands	Urban areas	☐ Campgrounds
☐ Boating accesses	State parks	☐ National f	orests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	Fence	Steep slop	oes	MOther: Farmla	nd
Evidence of Human Use	*: \ al	·			
DRoads Hwy FF (	Foot paths/prin	nts 🔲 Do	ock/platform	Livestock Watering	RV / ATV Tracks
Rope swings	Camping Sites	☐ Fir	re pit/ring	☐ NPDES Discharge	Fishing Tackle
Other: Shops	on 540	ream b	unķ		

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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# Data Sheet B - Site Characterization

Page Two - WBID # 0600: -03

Stream Mo	rnhology.						
	_	ysical Dime	ensions:				
Riffle	Width (ft)		Length (ft):	Avg. Depth	(ft):	Max. Depth (	ft):
[X]Run	Width (ft)	: 40	Length (ft):	Avg. Depth	(ft): 1.5	Max. Depth (	ft): 7.5
Pool	Width (ft)		Length (ft):	Avg. Depth	(ft):	Max. Depth (	
<b>X</b> Flow	Present?	X es	No	Estimated (f	t³/sec):		
Downstre	am View	Physical Di	mensions:	:			
Riffle	Width (ft)		Length (ft):	Avg. Depth	(ft):	Max. Depth (	ft):
Run	Width (ft):	45	Length (ft):	Avg. Depth (	(ft): 1,5	Max. Depth (	ft): 3.5
☐ Pool	Width (ft):		Length (ft):	Avg. Depth (	(ft):	Max. Depth (	ft):
Flow	Present?	ZXYes □	No	Estimated (fi	<sup>3</sup> /sec):	·	٠.
Aquatic Veg	aric ,	Olants	Fyogetation or a	Sand 7-0  Algal growth at the asse  Clong 6	% Silt   ssment site)  ank j g	% Mud/Clay	
Odor:		Sewage	Musky	Chemical	None	Other:	
Color:	K	Clear toucky	Green	☐ Gray	☐ Milky	Other:	
Bottom De		] Sludge	Solids	Fine sediments	None	Other:	
Surface De	posit:	] Oil	Scum	Foam	None	Other:	
*This informaticomprehensive decision on the I, the underdatasheet is	on is not to understandi recreation usigned, he true and	be used solely ing of water conse analysis but reby affirm accurate.	for removal of a additions. Conseq may point to con	recreational use design uently, this information ditions that need further my knowledge, the	ation but rather in is not intended by analysis or that	s to provide a mor to directly influent t effect another us	u eterine e ce a e.
Signed:	man	aus-	· · · · · · · · · · · · · · · · · · ·				
Organization	<u>: Su</u>	ncb		Position	: <u>SS-</u>	<u> </u>	



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